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U.S. Department of Commerce, Patent and Trademark Office						Atty Docket No.		Serial No.	
						M-10944-1C US		Unknown	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT						Applicant(s)			
(Use several sheets if necessary)						Kondoh et al.			
						Filing Date		Group	
						Herewith		Unknown	
U.S. Patent Documents									
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate		
<i>R</i>	AA	5,362,977	11/8/94	Hunt et al.	257	98			
	AB	5,959,307	9/28/99	Nakamura et al.	257	14			
	AC	5,684,523	11/4/97	Sato et al.	347	247			
	AD	5,703,436	9/28/99	Forrest et al.	313	506			
	AE	5,740,192	4/14/98	Hatano et al.	372	45			
	AF								
	AG								
	AH								
	AI								
	AJ								
	AK								
Foreign Patent Documents									
		Document	Date	Country	Class	Subclass	Translation		
							Yes	No	
	AL	EP 0772249A2	5/7/97	EP	H01L	33/00			
	AM	EP 0550963A1	7/14/93	EP	H01L	33/00			
	AN	09321389	12/12/97	Patent Abstract Japan	H01S	3/18			
	AO	05291621	11/5/93	Patent Abstract Japan	H01L	33/00			
	AP	11-220171	8/10/99	Japan	H01L	33/00	X		
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)									
	AQ	M. Kamiyama, Thin Film Handbook, P. 496, 1983, Ohmusa (Tokyo).							
	AR	Evans, P.W. et al., "Edge-Emitting Quantum Well Heterostructure Laser Diodes With Auxiliary Ntve-Oxide Vertical Cavity Confinement", Applied Physics Letters, Vol. 67, No. 21, Nove. 20, 1995, pp. 3168-3170.							
	AS								
Examiner		<i>Douglas [Signature]</i> <i>Bmaos</i>							
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.									



PTO/SB/08A (08-03)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)	<b>Complete If Known</b>	
	Application Number	09/764,024
	Filing Date	January 16, 2001
	First Named Inventor	You Kondoh
	Art Unit	2814
	Examiner Name	Douglas A. Willie
Attorney Docket Number	M-10944-1C US	
Sheet 1 of 3		

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Dae		US- 5,414,281	5-9-1995	Watanabe et al.	
		US- 4,817,854	4-4-1989	Tihanyi et al.	
		US- 5,760,479	6-2-1998	Yang et al.	
		US- 5,917,202	6-29-1999	Haitz et al.	
		US- 4,347,655	9-7-1982	Zory et al.	
		US- 5,854,087	12-29-1998	Kurata	
		US- 4,210,389	7-1-1980	Burkhart et al.	
		US- 5,537,433	7-16-1996	Watanabe	
		US- 5,460,911	10-24-1995	Yu et al.	
		US- 6,111,272	8-29-2000	Heinen	
		US- 4,990,970	2-5-1991	Fuller	
		US- 5,055,893	10-8-1991	Sasagawa	
		US- 5,132,750	7-21-1992	Kato et al.	
		US- 5,237,581	8-17-1993	Asada et al.	
		US- 5,537,433	7-16-1996	Watanabe	
		US- 6,222,207	4-24-2001	Carter-Coman et al.	
		US- 6,194,743	2-27-2001	Kondoh et al.	
		US- 4,153,905	5-8-1979	Charmakadze et al.	
		US- 6,091,085	7-18-2000	Lester	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	†
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		EP0926744A2	6-3-1999	Hewlett-Packard		
		DE19921987A1	5-12-1999	Toyoda		
		WO96/09653	3-28-1996	Cree Research		
		DE 37 25 454 A1	2-9-1989			
		DE 195 37 545 A1	4-10-1997			
		DE 196 48 309 A1	3-31-1999			

Examiner Signature	<i>Douglas A. Willie</i>	Date Considered	3 Mar 05
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		Examiner Name	Douglas A. Wille		
Sheet	3	of	3	Attorney Docket Number	M-10944-1C US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
Pfer		J.J. STEPPAN e al., "A Review Of Corrosion Failure Mechanisms During Accelerated Tests," Vol. 134, No. 1, January 1987.	
		MENSZ et al., Electronic Letters 33 (24) pp. 2066-2068, 1997.	
		K.D. HOBART et al., J. Electrochem. Soc. 146, 3833-3836, 1999.	
		G.E. HÖFLER et al., "High-flux high-efficiency transparent-substrate AlGaInP/GaP light-emitting diodes," Electronic Letters, 3rd September 1998, Vol. 34, No. 18, pp. 1-2.	

Examiner Signature	<i>Douglas A. Wille</i>	Date Considered	3 Mar 05
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